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# ----- LIST ADT USING ARRAY -----
class ArrayList:
    def __init__(self):
        self.data = []

    def insert(self, value):
        self.data.append(value)

    def remove(self, value):
        if value in self.data:
            self.data.remove(value)

    def display(self):
        print("Array List:", self.data)

# ----- LIST ADT USING LINKED LIST -----
class Node:
    def __init__(self, value):
        self.data = value
        self.next = None

class LinkedList:
    def __init__(self):
        self.head = None

    def insert(self, value):
        new_node = Node(value)
        if self.head is None:
            self.head = new_node
        else:
            temp = self.head
            while temp.next:
                temp = temp.next
            temp.next = new_node

    def remove(self, value):
        temp = self.head

        if temp and temp.data == value:
            self.head = temp.next
            return

        prev = None
        while temp and temp.data != value:
            prev = temp
            temp = temp.next

        if temp:
            prev.next = temp.next

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if temp is None:
    return

prev.next = temp.next

def display(self):
    temp = self.head
    print("Linked List:", end=" ")
    while temp:
        print(temp.data, end=" -> ")
        temp = temp.next
    print("None")

# ----- MAIN PROGRAM -----
# Array List
arr = ArrayList()
arr.insert(10)
arr.insert(20)
arr.insert(30)
arr.display()

arr.remove(20)
arr.display()

print()

# Linked List
ll = LinkedList()
ll.insert(10)
ll.insert(20)
ll.insert(30)
ll.display()

ll.remove(20)
ll.display()

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Output:

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Array List: [10, 20, 30]
Array List: [10, 30]

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Linked List: 10 -> 20 -> 30 -> None
Linked List: 10 -> 30 -> None

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